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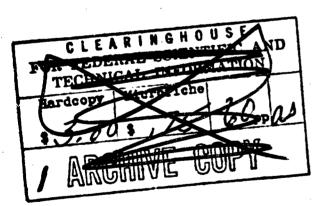
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COMMUNITY REACTIONS TO SONIC BOOMS IN THE OKLAHOMA CITY AREA

> **VOLUME III. QUESTIONNAIRES** APPENDIX TO VOLUME II

> > PAUL N. BORSKY

NATIONAL OPINION RESEARCH CENTER



MARCH 1966

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PAUL N. BORSKY

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FOREWORD

This study was initiated and funded by the Office of Supersonic Transport Development, Federal Aviation Agency, Washington, D.C. 20553. The Biophysics Laboratory, Aerospace Medical Research Laboratories, Wright-Patterson Air Force Base, Ohio, served as technical monitor. The research was conducted under Contract AF 33(657)-11148 by the National Opinion Research Center, University of Chicago, 55 Fifth Avenue, New York, N.Y. 10003. Mr. Paul N. Borsky was the principal investigator for National Opinion Research Center. Dr. Charles W. Nixon of the Biodynamics and Bionics Division was the contract monitor for the Aerospace Medical Research Laboratories. The work was performed in support of Project No. 7231, "Biomechanics of Aerospace Operations," and Task No. 723103, "Biological Acoustics in Aerospace Environments." The research sponsored by this contract was started in April 1963 and completed in February 1965. This report is the appendix to AMRL-TR-65-37, Volume II, dated October 1965.

J. W. HEIM, PhD Technical Director Biomedical Laboratory Aerospace Medical Research Laboratories

ABSTRACT

This appendix contains samples of questionnaires used during the nterviews that took place from February to July 1964 in the Oklahoma City, Oklahoma, area. That area was repeatedly exposed to sonic booms generated o simulate overpressure levels that are expected for supersonic transport overflights. The schedule provided for eight sonic booms per day. During the 6-month period, almost 3,000 local residents were interviewed three times to determine the nature and extent of their reactions to the sonic booms.

QUESTIONNAIRE DESIGN

The interview was designed to embed the questions about sonic booms in general context of local living conditions to secure as unbiased a response possible about reactions to the booms. Respondents were told, "This is a mmunity survey of how different people feel about living in different areas. attempts to record systematically the kinds of things people like and dislike out their environments and the kinds of individual and group actions taken to sprove undesirable situations."

onsorship

At no time was the respondent advised that the study was being made for e government as part of the sonic boom evaluation. If asked about sponsorip, a respondent was told that the National Opinion Research Center of the niversity of Chicago was conducting the study as part of its regular urban tudies. This was done to avoid possible bias in response. A person believing the study was sponsored by the government might have exaggerated his feelings torder to influence the government's decisions. Results indicate that this eneral approach was successful in over 90% of all interviews; only 8% voiced aspicion about the purposes or sponsorship of the survey.

rder of Questions

The questionnaire was divided into five sequences, as follows:

- 1. General questions about likes and dislikes and overall rating f the area.
- 2. Direct questions outlining a pattern of local behavior in response a major annoyance or dislike.
- 3. General reaction to perceived noise disturbances and behavior atterns in response to them.
- 4. Direct questions on topical sonic booms, including knowledge, nterferences, annoyance, feelings of importance and necessity, and projected eelings toward civilian jet booms.
 - 5. Background information on the characteristics of the respondent.

Control Over Respondent Biases

As mentioned earlier, the public information program and the resulting news releases openly discussed the purposes of the study, suggested that local economic benefits would result from acceptance of the booms, stressed the daytime nature and 6-month duration of the booms and that NORC would study public reactions. To measure the extent to which the public actually became aware of these messages and to what extent this knowledge influenced reported reactions to the booms, special questions on these topics were incorporated in the personal interviews.

Face-to-Face and Telephone Questionnaires

In the first interview most of the respondents were seen face to face, with a smaller number contacted by telephone. During the second and third interviews, however, all respondents who had a telephone were contacted by phone. Those who had no telephone were visited in their homes. The telephone questionnaire was much shorter than the face-to-face questionnaire. In general, the telephone interview omitted the free-answer questions which required lengthy probing. The remaining questions included on the telephone questionnaire, however, were identical with questions on the face-to-face interview and followed a similar sequence.

Questionnaires used in these interviews were approved by the Bureau of the Budget.

NATIONAL OPINION RESEARCH CENTER University of Chicago

First Interview (Face to Face)

ment No	Date
one No.	Time Interview Began
or callback	Time Interview Ended
ption of Respondent (Q. 29)	<i>j~</i>
is	
	ter at the University of Chicago. We are living in different places and I'd like to
	ow do you like living in this part of n excellent, good, fair, poor, or very
	Excellent 10-1
	Good 2
	Fair 3
	Poor
	Don't know 6
	NORC use Y
. Would you say you like many things about living around here?	, just a few things or hardly anything
	Many things 11-1
	A few things 2
·	Hardly anything 3
	Don't know 4
	NORC use Y
. And what are some of the things yo advantages, or that make this a go	ou like things that you feel are ood place to live? (Anything else?)

				Many shines	. 13-
		•		Many things	
			•	Hardly anything	
	,			Don't know	
				NORC use	•
· £		irritatio	ons, or are	unpleasant and bothersome	у
					14-
				e e e e e e e e e e e e e e e e e e e	
	•				
	•		•	•	15-
	•		•		
	•				16-
		·			
	•				
у		ng even	little anno	ently have bothered or distu byances that you just take fo about them?	
y	our everyday livir	ng even	little anno	yances that you just take fo	
g 8 Are	our everyday livir	ng even	little anno	yances that you just take fo	

5. Now of all the things you don't like (there must be some) -- things you may feel are nuisances, irritations, disturbances, or bothersome conditions, which one thing do you dislike the most?

Nothing disliked	18-1*
Sonic booms, big booms	2
Noise - airplane	3
Noise - other	4
Danger - traffic, no sidewalks	5
Danger - other conditions	6
Location poor, inconvenient to facilities, jobs	7
Transportation, roads, highways, buses inadequate	8
Schools - buildings, instruction, transportation inadequate .	9
Community facilities - other inadequate	0
Social aspects, dislike people, unfriendly	X
Zoning problems, mixed residence-business	19-1
Overcrowded, not enough privacy, space	2
Taxes too high, earnings tax unfair	3
Economic problems, no jobs, prices too high	4
Government poor, corrupt, pressure for annexation	5
All other reasons	6
Don't know	Х*
NORC use	Y
~~~~ ~~~	

#### I: SOMETHING DISLIKED MENTIONED, ASK E-G ON THE NEXT PAGE

#### *IF NOTHING DISLIKED OR DON'T KNOW, ASK A

A. At any time in the past, was there ever anything around here that you felt was a public problem or a nuisance, an irritation, a disturbance, or a botherwome condition?

Yes	•	•	•	•	•	•	•	•	20-1**
No.									2
NOR									v

#### **IF YES, ASK B - D

B. Did you ever feel like doing something about this? For example, did you ever feel like:

		<u> </u>			C	
1) Writing or telephoning an official	Yes	No	NORC	Yes	No	NORC
about it?	21-1	2	3	4	5	Y
2) Visiting an official?	22-1	2	3	4	5	Y
3) Signing a petition?	23-1	2	3	4	5	Y
4) or helping to set up a citizens' committee to do something?	24-1	2	3	4	5	Y

ASK C AFTER FINISHING PART B, AND CIRCLE YES OR NO CODES ABOVE FOR EACH OF THE FOUR ITEMS.

C. Did you or anyone in your family ever actually do any of these things? (Which?)

	Good. Fair. Poor. Don't	kno		• • • • • • • • • • • • • • • • • • •		25
OMETHING DISLIKED MENTIONED IN Q. 5, ASK E -	<u>G</u>				•	
E. Have you yourself ever felt like doing som	ething.	abou	t this?	For	exam	ple,
have you ever felt like:	<del></del>	E			F	
	Yes	No	NORC	Yes	No	NOR
l) Writing or telephoning an official?	26-1	2	3	4	5	Y
2) Visiting an official?	27-1	2	3	4	5	Y
3) Signing a petition?	28-1	2	3	4	5	Y
4) or helping to set up a citizens' committee to do something?	29-1	2	3	4	5	, <b>Y</b>
F. Did you or anyone in your family ever actu (Which?) G. And what do you think the chances are to d good, good, fair or poor?	·	-				:
	Very	_				3¢-
	Good.		• • •	• • •	• •	
		• •		• • •	• •	
	Don't			• • •	• •	
			u .			

(Circle Code 1 for each of the noises listed below which are mentioned spontaneously. Then prompt for any of these noises not mentioned by asking, "Do you ever hear noise from. . .?") (Any others?) And what are some of the different kinds of noises you sometimes hear around here?

	Cars or trucks going by?	Neighbors or children?	Sonic booms from jets?	Ordinary noise from airplanes?
Mention spontaneously	32-1* 2* 3	36-1* 2* 3	40-1* 2* 3	44-1* 2* 3
*ASK A THROUGH P POR EACH TYPE OF NOISE CODED 1	OR 2			
A. How often do you hear the (kind of noise)				
Very often	32-5 6 7 9	36-5 6 8 9	40-5 7 8	44-5 7 8 9
B. Would you say this noise is usually				
Extremely loud	33-1 2 3 4 5	37-1 2 3 4 5	41-1 2 3 4 5	45-1 3 4 5
C. Would you say this noise could be reduced, or not?				
Yes, could be reduced	33-6 7 8 9	37-6 7 8 9	41-6 7 8 9	45-6 7 8 9

	Cars or trucks going by?	Neighbors or children?	Sonic booms from lets?	Ordinary noise from airplanes?
D. Does this noise bother or annoy you		ř.		
Very much	34-1** 2** 3** 5 C C C C C C C C C C C C C C C C C C C	38-1** 2** 3** 6	42-14 24 34 44 55 60 60	46-1## 2## 3## 6
E. Was it ever unpleadant, or did it ever bother you at all in the past?				
Yes	34-7 8 9 Y	38-7 8 9	42-7 8 9	7-97 8 6 7
F. How often does it bother you				
Very often	35-1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	39~1	43-1 44 4	47-1 2 3 4 4

SK Q.	8 ONLY IF RESPONDENT D	XOES HOT HEAR BO	OMS (Q. 7	, COPE 40-3	<u>)</u>		
	far as you know, have ying near here?	the jets recent	ly caused	l any sonic	booms whi	le	
** <u>IF</u>	NO, SKIP TO Q, 23		No	28 ) )RC use			48-1* 2** Y
	K Qs. 9-22 IF RESPONDEN . 8, CODE 48-1)	NT HEARS BOOMS	(Q. 7. COI	DES 40-1 or	2) OR KNO	WS OF	BOOMS
). Ha	ve you heard or read as	nything about th	ne recent	sonic booms	around h	ere?	
*TF	YES, ASK "A"		No	o ORC use			49-1* 2 Y
	Where did you hear about in hear anything about it	ly, then ask for					
		<del></del>	Sı	YES contaneous	YES Probed	NO	NORC
	TV. Rud Nei	spapers  io ghbors or friencer (Specify) .	  is	50-1 51-1 52-1 53-1 54-1	2 2 2 2 2	3 3 3 3	Y Y Y Y
10. A.	Could you tell me wha	t causes the je	ts to make	e a boom?			
							55-
В.	(When you hear the boit's from a jet, or dwhat the boom is?			Can tell. Sometimes Don't kno NORC use.	wonder.	• •	56-1 2 3 Y
	*C. IF "SOMETIMES	WONDER": What	do you th	ink it might	: be?	•	
					,		57-
D.	Do you usually hear t time each day or do t times each day?			Same time Different Don't kno NORC use.	times .		58-1 2 3 Y

11.	Do you happen to know why the jets making booms fly around here?	Yes	59-1* 2 Y
	*A. IF YES: Why is that?		
. •			60-
12.	A. Do you yourself feel it is absolutely necessary for the jets to make these booms around here, or not?	Yes	61-1 2 3 Y
. •	B. Why is that?		
			62-
			63-
13.	From what you've heard or read, do you think most other people around here feel it is absolutely necessary, or not?	Necessary	64-1 2 3 Y
14.	The way things are now would you say the aviation the booms, care about the feelings and comfort of do you think they care very much, moderately, or care at all?	of residents like yourself	E
		Very much	65-1
		Moderately	2
		A little	3
•		Not at all	4
	•	Don't know	5
		NORC use	Y
15.	Do you happen to know how long these booms are supposed to continue altogether?	Yes	66-1*
	supposed to continue altogethet:	No	2 Y
•	*A. IF YES: How long is that?	1 month or less 2 months	67-1 2
		3 months	3
		4 months	4
		5 months	5
		6 months	6
		7 months or more	7
		Indefinitely	8
		NORC use	Y

	DK	_	_		_	· >=	_	4 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 1
		~	_	_				-6
} }	at all	*	×	×	×	×	× 80−1	
	only a little annoyed	0	0	0	•		0	(Circly
3	•						79.	pp
feel	moderately	٥	•	•	•	Φ.	9 78-	About when did that happen?  as apply)  1956 Air Show.  1957-1963  1964  NORC use  1- 2- 3- 4- 5-
1.	P					<b>co</b>	80	did t did t 1956 A 1957-1 1964 Don't NORC 1
feel	very	∞	60	₩	ω.		17-	C use
	DK	7	7	7	7	7	•	About as ap
	1177						-91	No.
•	or only occasionally?	•	9	· •	•	•	•	10-1 ×0087002
that	or only						75-	bound C
often is	fairly	<b>5</b>	Ŋ	<b>~</b>	S	٠,	9	in your house?
How of	very	4	4	4	4	4	74-	M W
÷			æ	'n	ĸ	ო	m	(Probe for specified to be for specified for
	ž Š	~	8	8	. 2	7	2	robe f
	Yes No NORC	68-1* 2	69-1#. 2	70-1* 2	71-1* 2	72-1* 2	73-1# 2	TES, ASK A & B  Just what did they do? (Prob  (Anything else?)  Cracked walls or plaster  Cracked, broke windows  Cracked, damaged structures  Broke tiles or fixed object  Broke tiles or fixed object  Broke tiles or fixed object  Person injured  Person fell-not injured  Person fell-not injured  Other types of damage  Other types of damage
the			yone	•	u ·	•	•	Have the booms ever hurt or d  IF YES, ASK A & B  A. Just what did they do? (F (Anything else?)  Cracked, broke windows  Cracked, damaged structure Broke tiles or fixed object Broke tiles of fixed object Broke knocked down moveat Person fell-not injured.  Person dropped something. Other types of damage
1£ t	recent booms ever (Ask each item below) (Do they ever)	radio	anyo		:le o	•	•	
1 me	e lov	our .	iten 	nt1y*	ratt	your r	your 	ix A & B tat did t ng else? walls o walls o worked thocked injured fell-not dropped crope of mow.
Can you tell me if	recent booms eve each item below) (Do they ever	ich y	frigi 11y7	r famil	r house rati	ith st o	ith n?	Have the booms eve  *IF YES, ASK A & B  A. Just what did t  (Anything else?  Cracked, broke  Cracked, damage  Broke tiles or  Broke tiles or  Broke, knocked  Person injured.  Person fell-not  Person dropped  Other types of  Don't know.
you r	cent ch it o the	y .	fam	your	ur h	re w s re ion?	re watto	Cra Cra Cra Cor
	re a C	Interfere with your radio or IV?	Startle or frighten anyone in your family?	Disturb your family's sleep?	Make your house rattle or shake?	Interfere with your family's rest or relaxation?	Interfere with your conversation?	<b>,</b> *
16.		Int	Sta In	Dis sle	Mak sha	Int fam re l	Int co	17.

# 18. Have you yourself ever felt like doing something about the booms. For example have you ever felt like writing or telephoning an official? (Ask each item in A before asking B, etc.)

	ITEMS							
A. (Ever felt like	Writing or telephoning an official?	Visiting an official?	Signing a petition?	Helping to set up a citizens' committee?				
Yes	12-1 2 3	13-1 2 3	14-1 2 3	15-1 2 3				
B. Have you or anyone in your family actually done any of these things? (Which?)		•						
Yes	4 <b>*</b> 5 6	4* 5 6	4* 5 6	4* 5 6				
*C. IF YES TO ANY ITEM IN B. ASK: Di	id it do any goo	No Don [†] t	know	. 2				
D. If a local organization asked you, do you think you would very likely (insert item), that you might but you're not sure, or that you probably wouldn't?  Very likely	Write or telephone an officia!  17-1 2 3 4 Y	Visit an official 18-1 2 3 4	Sign a petition 19-1 2 3 4 Y	Help set up a committee  20-1 2 3 4 Y				

19. On the whole, what do you think the chances are for doing anything about the booms? Would you say there was a very good chance, a good chance, only a fair chance, or hardly any chance at all to improve the situation?

Very good chance	21-1
Good chance	2
Fair chance	3
Hardly any chance	4
Don't know	5
NORC use	Y

0.	Do you happen to know where to call if you want booms?	t to complain about the	
		Yes	22-1* 2 3
	*A. <u>IF YES</u> : Where is that?		
			23-
21.	Do you happen to know which group is responsib here?	le for having the booms	
		Yes	24 - 1 =
		No	2 3
	*A. IF YES: Which one is that?		
	÷ .÷	FAA	24-4
		Air Force	5
		Other (Specify) NORC use	6 Y
22.	A. Do you think people around here should comp they find them annoying?	lain about these booms if	
	they are them throughlig.	Yes	25-1
		No	2
		Don't know	3 Y
	B. Why is that?		

2

- 13 -

How about the importance of civilian aviation to the welfare of Oklahoma City and surrounding towns -- Do you feel it is extremely important, moderately important, a little important or not very important?

Extremely important	•	•	•	32-1
Moderately			•	2
A little				3
Not very important.				4
Don't know				5
NORC use				Y

A. If this area received eight booms every day throughout the year from a civilian supersonic airplane, do you think you very likely could learn to live with it after a while, that you might but you're not sure, or do you think you probably couldn't learn to live with it?

Very likely	•	•	•	•	•	33-1#
Might						2#
Couldn't						3*
Don't know.						4*
NORC use						Y

#### * IF COULDN'T OR DON'T KNOW TO "A", ASK B

B. How about 5 or 6 civilian booms every day? (Do you think you very likely could learn to live with that, that you might, or that you probably couldn't learn to live with it?)

Very likely				34-1
Might				2
Couldn't				3**
Don't know.				4**
NORC use				v

#### ** IF COULDN'T OR DON'T KNOW TO "B", ASK C

C. How about 1 or 2 civilian booms every day? (Do you think you very likely could learn to live with that, that you might, or that you probably couldn't learn to live with it?)

Very likely				•	35-1
Might					2
Couldn't					3
Don't know.					4
NORC use					Y

#### # IF VERY LIKELY OR MIGHT TO "A", ASK D

D. How about 10-12 civilian booms every day? (Do you think you could very likely learn to live with it, that you might but you're not sure, or that you probably couldn't learn to live with it?

Very likely				36-1
Might				2
Couldn't				3
Don't know.				4
NORC use				Y

28.	could very	likely learn to li		t? (Do you think you ou might but you're not ve with it?)	
				Very likely Might Couldn't Don't know NORC use	37-1 2 3 4 Y
Now 29.	we have what		d information and w	we'll be through.	
	Including y	ourself, how many	people live with yo	ou in this house?	
	Please list	them for me.			
	Ŗ	elation to Respond	ent Sex Abo	out how old is:	
		Respondent	M F		38-
	_		Mr		39-
	, <b>-</b>		M F		
	-		M r		·
	-		M F	· ·	
	_		M F	· · · · · · · · · · · · · · · · · · ·	
			<u> </u>		
30.	Have you ev this area?	er felt like movin	g away from	Yes	40-1* 2 3
	*A. <u>IF YES</u> :	Have you taken an to find another p		Yes	4 5 Y
31.	Now what is	the highest grade	of school you've c	completed?	
			Completed 5-6 year Completed 7-8 year Completed 1-3 year Completed 4 years Completed 1-3 year Completed 4 or more	s of grade school	41-1 2 3 4 5 6 7

	(HAND RESPONDENT CARD) Now for statistical prospection of something about family incomes. Would you just following six categories comes closest to the your family earned all together last year. I	st tell me which of the amount all members of	
	get all together from all sources before taxes		
	(Read categories)		
	A. Less than \$4	,000	. 42-1
	B. \$4,000 but 10	ess than \$6,000	
	C. \$6,000 but 10	ess than \$8,000	. 3
		ess than \$10,000	
	E. \$10,000 but	less than \$15,000	. 5
	F. \$15,000 or m	ore	. 6
	Refused		. 7
	NORC use	• • • • • • • • • • •	. Y
33.	Now here's a different kind of question. I he sometimes annoy people. Do these ever annoy (Read list)		
	·	Yes No Hear	_
			 -
	A. The noise of a lawn mower		_
	B. A dripping faucet		2
	<ul><li>C. A dog barking continuously</li><li>D. The sound of a knife grating on</li></ul>		3
	plate		4
	E. Somebody whistling out of tune .		<u></u>
	F. Somebody switching on the radio		•
	TV when you want to be quiet.		6
	G. A pneumatic drill		7
	H. A banging door		, 8
		· · · · · · · · · · · · · · · · · · ·	46-
34.	Would you say you were more sensitive or	More sensitive	. 47-1
	less sensitive than most people are to	Less sensitive	. 2
	noise?	Same	. 3
		Don't know	-
		Don't know	. 4
		NORC use	. 4 . Y
<u></u>	Would you say you were more sensitive or	More sensitive	. 4 . Y
<u></u>	less sensitive than most people are to	More sensitive	. 4 . Y
 35.		More sensitive Less sensitive	. 4 . Y . 48-1 . 2 . 3
<u></u> 35.	less sensitive than most people are to	More sensitive Less sensitive Same	. 48-1 . 2 . 3
35.	less sensitive than most people are to	More sensitive Less sensitive	. 48-1 . 2 . 3
35.	less sensitive than most people are to things in general?	More sensitive  Less sensitive  Same  Don't know  NORC use	. 48-1 . 2 . 3 . 4
	less sensitive than most people are to things in general?  How far would you agree or disagree with	More sensitive  Less sensitive  Same  Don't know  NORC use	. 48-1 . 2 . 3 . 4
	less sensitive than most people are to things in general?  How far would you agree or disagree with people who say "noise is one of the	More sensitive  Less sensitive  Same  Don't know  NORC use	. 48-1 . 22 . 33 . 4 . Y
	less sensitive than most people are to things in general?  How far would you agree or disagree with people who say "noise is one of the biggest nuisances of modern times"	More sensitive Less sensitive Same Don't know NORC use	. 48-1 . 2 . 3 . 4 . Y
·	less sensitive than most people are to things in general?  How far would you agree or disagree with people who say "noise is one of the	More sensitive  Less sensitive  Same  Don't know  NORC use	. 48-1 . 2 . 3 . 4 . Y

37. By the way, have you ever flown in a plane?	Yes	50-1* 2** 3
	NORC use	Y
*IF YES, ASK A & B		-
A. About how many times?	Unce or twice - a few	51-1
	Three or four	2
	Five or more	3
•	Don't know	. 4
	NORC use	Y .
B. When was the last time?	12 months ago or less	52-1
	One to 3 years ago	2
'	Four or more years ago	3
	Don't know	4
·	NORC use	Y
**IF NO. ASK C		
C. Has anyone in your family ever flown	Yes	53-1
in one?	No	2
	Don't know	3
	NORC use	Y
38 A. Could you tell me who is the main earner	in this family?	
B. What sort of work does (main earner in th	• •	
	• •	
B. What sort of work does (main earner in th	• •	
B. What sort of work does (main earner in th	• •	54-
B. What sort of work does (main earner in th Job: Industry:	• •	54-
B. What sort of work does (main earner in th Job: Industry: Place:	• •	54- 1* 2** 3
B. What sort of work does (main earner in the Job:  Industry:  Place:  IF RESPONDENT IS NOT MAIN EARNER, ASK C - E	Yes	1* 2**
B. What sort of work does (main earner in the Job:  Industry:  Place:  IF RESPONDENT IS NOT MAIN EARNER, ASK C - E  C. Do you have a job away from home?	Yes	1* 2**
B. What sort of work does (main earner in the Job:  Industry:  Place:  IF RESPONDENT IS NOT MAIN EARNER, ASK C - E  C. Do you have a job away from home?  *IF YES TO C, ASK D	Yes	1* 2**
B. What sort of work does (main earner in the Job:  Industry:  Place:  IF RESPONDENT IS NOT MAIN EARNER, ASK C - E  C. Do you have a job away from home?  *IF YES TO C, ASK D  D. What sort of work is that?	Yes	1* 2**
B. What sort of work does (main earner in the Job:  Industry:  Place:  IF RESPONDENT IS NOT MAIN EARNER, ASK C - E  C. Do you have a job away from home?  *IF YES TO C, ASK D  D. What sort of work is that?  Job:	Yes	1* 2**

** IF NO TO C, ENTER STATUS BELOW: (Student, Housewife, Retired, etc.)

9. Have you or anyone in your family ever worked for Agency or any civilian aviation company?	the Federal Aviation	
agono, or any organism eventual company	Yes	56-1*
	No	2**
	Don't know	3
		Y
	NORC use	I
*A. IF YES: Are you (they) working there now?		
	Yes	57-1
	No	2
	Don't know	2 3
	NORC use	Y
**B. IF NO: Have you or anyone in your family ever Force or any company that does much of the aviation industry?		
•	Yes	58-1
	No	2
	Don't know	2 3
	NORC use	Y
40. (Casually) By the way, had you heard anything ab	out this survey before	
	Yes	59-1*
	No	2
	NORC use	3
	110110 686	•
*A. IF YES: What have you heard? (Who was doing For what purpose?)	the survey?	

60-

^{41.} A. Now in case the office finds I've left something out, what would be the best time to call you? (Enter on first page)

B. And what is your phone number? (Enter on first page)

2.	asked you?	g else you'd like to tell me, that I haven't alres	
,			
		The state of the s	
11	. I quess that 's i		
į	TO BE O	COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW  t suspicious of the stated purpose of the interview  Yes () No ()	w or
- i	TO BE (	it. Thanks for all your help.  COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW  suspicious of the stated purpose of the interview	w or
- i	TO BE ( las the respondent the interviewer?	it. Thanks for all your help.  COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW  suspicious of the stated purpose of the interview	w or
İ	TO BE ( las the respondent the interviewer?	it. Thanks for all your help.  COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW  suspicious of the stated purpose of the interview	w or
1	TO BE ( las the respondent the interviewer?	it. Thanks for all your help.  COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW  suspicious of the stated purpose of the interview	w or

2. Was the respondent always relaxed and willing to answer all questions frankly, or was he sometimes tense, defensive, uncooperative?

Always frank -- yes () No ()

IF NO, EXPLAIN:

## NATIONAL OPINION RESEARCH CENTER University of Chicago

Second Interview (First Callback)

Assignment No	Time for Callback
Telephone No.	FirstInterviewer
Name of Respondent	Date oflst Interview
Respondent Description	————————————————————————————————————
Address	
***************************************	9-
Re-interview assigned to:	Time Began
	Time Ended
/Is (he, she) home now?/ I'd like asked to check a few additional thi	husband) on a survey we are doing around here.  to thank you again for your help and I've been ings with you.
<pre>l. First, during the last few week flying near here?</pre>	Yes
*IF NO. ASK "A" THEN END INTERVI	MVRC USE Y
A. Have you been at home during you been away?	NORC use Y  IEW  g most of the last month or so, or have

2. Were the booms you heard recently louder than usual, about the same, or not as loud as usual?

Louder		•	٠	•	12-14
Same					2
Not as loud					3
Don't know.					4
MORC use.					Y

#### *IF LOUDER, ASK A

A. Would you say these louder booms are much more annoying, a little more annoying, or not as annoying as the other ones?

Much more annoying I	3-1
A little more	2
	. 3
Not as annoying	4
Don't know	. 5
NORC use	Y

- 3. A. In the last month or so, during the morning hours, have you heard more booms than usual, about the same, or less than usual?
  - B. How about the late afternoon? (Have you heard more booms, about the same, or less than usual?)

•										Morning	Late Afternoon
More.	•	•	٠				•			14-1*	15-1
Same.			٠.		٠	•				2	2
Less.							•	•		3	3
Pract	ica	1	ly	n	one	В.			•	4	4
Don't	kı	101	J.							5	5
NORC										Y	Y

#### *IF MORE IN MORNING, ASK C

C. Would you say having more booms during the morning is much more annoying, a little more annoying, or not as annoying as before?

Much more annoying.	16-1	
A little more		2
Same		3
Not as annoying		4
Don't know		5
NORC use		Y

i. Did any of the recent booms -- (ask each item below)

## *IF "YES" TO Q. 4. ASK "A" BEFORE COING ON TO NEXT ITEM

A. And how annoyed did this make you feel --

	Yes	No	MORC	Very Annoyed	Moderately Annoyed			
) Interfere with					_			
your radio or TV?	17-1*	2	3	4	5	6	7	<b>T</b>
) Startle or								
frighten anyone				_	_	_		
in your family?	18-1*	2	3	4	5	6	7	Y
) Disturb your				_	_			
family's sleep?	19-1*	2	. 3.	4	5	6	7	Y
) Make your house			٠				_	
rattle or shake?	20-1*	2	3	4	5 .	6	7	Y
) Interfere with				,			**	
your family's							*	
rest or relaxation?	21-1*	2	3	4	5	6	7	¥
relaxation:	21-1-	•	,	<b>~</b>		•	•	-
) Interfere with								
your conversation?	22-1*	2	3	4	5	6	7	Y
. Did any of the re	cent boo		during	the last mo	nth or so h	urt or da	mage any	thing
. Did any of the re in your house?	cent boo	) as (	during	the last mo			mage any	
	ecent boo	os (	during	the last mo	Yes .		mage any	23-1
	cent boo	ons (	during	the last mo	Yes . No	• • • •	mage any	23-1 2
	cent boo	ons (	during	the last mo	Yes . No		mage any	23-1 2
	cent boo	) (13 (i	during	the last mo	Yes . No	• • • •	mage any	23-1 2
in your house?				the last mo	Yes . No NORC.	• • • •	mage any	23-1 2
in your house?  *IF YES, ASK A				or specific	Yes . No NORC.  damage) walls or pl	laster		23-1 2 1
in your house?  *IF YES, ASK A				for specific Cracked Cracked,	Yes . No NORC.  damage)  walls or pl	laster		23-1 2 3 3 24-1
in your house?  *IF YES, ASK A				Cracked Cracked Cracked, Cracked,	Yes . No NORC. damage) walls or pl	laster		23-1 2 Y
in your house?  *IF YES, ASK A				Cracked Cracked Cracked, Cracked, Broke ti	Yes . No NORC.  damage)  walls or pl broke wind damaged st les or fixe	laster		23-1 2 Y
in your house?  *IF YES, ASK A				Cracked Cracked, Cracked, Broke ti	Yes . No NORC.  damage)  walls or pl broke wind damaged st les or fixe nocked down	laster lows ructures ed object		23-1 2 Y
in your house?  *IF YES, ASK A				Cracked Cracked, Cracked, Broke ti Broke, b	Yes . No NORC.  damage)  walls or pl broke wind damaged st les or fixe nocked down	laster		23-1 2 3 24-1
in your house?  *IF YES, ASK A				Cracked Cracked, Cracked, Broke ti Broke, b object	Yes . No. NORC.  damage)  walls or pl broke wind damaged st les or fixe knocked down injured.	laster lows ructures ed object		23-1 2 3 24-1
in your house?  *IF YES, ASK A				Cracked Cracked, Cracked, Broke ti Broke, i object Person	Yes . No NORC.  damage)  walls or pl broke wind damaged st les or fixe nocked down	laster		23-1 2 1 24-1
in your house?  *IF YES, ASK A				Cracked Cracked, Cracked, Broke to Broke, in object Person of Person of Other to	Yes . No NORC.  damage)  walls or pl broke wind damaged st les or fixe nocked down injured  fell - not iropped some pes of damages	laster lows ructures ed object n moveable injured ething		23-1 2 1
in your house?  *IF YES, ASK A				Cracked Cracked, Cracked, Broke to Broke, in object Person of Person of Other to	Yes . No NORC.  damage)  walls or pl broke wind damaged st les or fixe knocked down injured  fell - not	laster lows ructures ed object n moveable injured ething		23-1 2 Y

6.	And	did y	rou f	eel	like	doing	something	about	stopping	or	reducing	the	recent	booms?
	For	examp	le,	did	you !	feel 1	ike writing	g or to	e lephonin	g &1	n official	1?		
	(Ae)	k each	ite	9 10	Ab	fore	askine B.	etc.)		-				•

or Visiting ing an ial? official?  26-1 2 3  4 5 6	Signing to a petition? Constitution? Constitution? Constitution? Constitution? Constitution   27-1	ery
2 3 4 5 6 a civilian jet	2 3 4 5 6 as often and here would ve	2 3 4 5 6
people around	as often and here would ve ey probably	ery
people around	as often and here would ve ey probably	ery
people around	here would ve ey probably	ery
<u> </u>	A bet People	B <u>Self</u>
ely	29-1	30~1
	2	2
t	3	3
ow.	4 Y	Y Y
ry for the jets	to make thes	e
		31-1
		2
ow		3
		Y
• • • • • • • •		
e	37- 38-	

# NATIONAL OPINION RESEARCH CENTER University of Chicago

## First Interview (Telephone)

(Also Used for Control Interview at Time of First Callback)

Assignment No.:	Time Interview Began:
Telephone No.:	Time Interview Ended:
Name on Telephone List:	Date:9-
Description Respondent (Q. 22):	
Address:	
Hello. (Is this the home of at?) I'r at the University of Chicago. We are doing a study in different places and I'd like to get some of you	y of how people feel about living ur views.
<ol> <li>The first question is: In general, how do you Do you rate it as an excellent, good, fair, or</li> </ol>	like living in your area?
	Excellent
2. Now, very few places are entirely perfect. So there are many things, a few things or hardly living around here?	
	Many things

	Nothing disliked	12-
	Sonic booms, big booms	
	Noise - airplane	
	Danger - traffic, no sidewalks	
	Danger - other conditions	
	Location poor, inconvenient to facilities, jobs	
	Transportation, roads, highways, buses inadequate	
	Schools - buildings, instruction, transportation inadequate .	
	Community facilities - other inadequate	
	Social aspects, dislike people, unfriendly	
	Zoning problems, mixed residence-business	13-
	Overcrowded, not enough privacy, space	
	Taxes too high, earning tax unfair	
	Economic problems, no jobs, prices too high	
	Economic problems, no jobs, prices too high	
	Economic problems, no jobs, prices too high	
<b>TR</b> 000	Economic problems, no jobs, prices too high	
*IF NOTHI	Economic problems, no jobs, prices too high	
*IF NOTHI  A. At an felt	Economic problems, no jobs, prices too high	
*IF NOTHI  A. At an felt	Economic problems, no jobs, prices too high	
*IF NOTHI  A. At an felt	Economic problems, no jobs, prices too high  Government poor, corrupt, pressure for annexation  All other reasons  Don't know.  NORC use.  HING DISLIKED MENTIONED, ASK E - G ON THE NEXT PAGE  ING DISLIKED OR DON'T KNOW, ASK A  Ly time in the past, was there ever anything around here that you was a public problem or a nuisance, an irritation, a disturbance, bothersome condition?  Yes	14-
*IF NOTHI  A. At an felt or a	Economic problems, no jobs, prices too high	14-

		В		<u>C</u>			
1) Writing or telephoning an	Yes	No	NORC	Yes	No	NORC	
official about it?	15-1	2	3	4	5	Y	
2) Visiting an official?	16-1	2	3	4	5	Y	
3) Signing a petition?	17-1	2	3	4	5	Y	
4) or helping to set up a citizens' committee to do		•		_	_		
something?	18-1	2	3	4	5	Y	

# ASK C AFTER FINISHING PART B, AND CIRCLE YES OR NO CODES ABOVE FOR EACH OF THE FOUR ITEMS

C. Did you or anyone in your family ever actually do any of these things? (Which?)

		Good Fair Poor Don'	t kn	d		• •	
METHING DISLIKED IN Q. 3, ASK E -	<u>G</u> .						
. Have you yourself ever felt like For example, have you ever felt		ething	abo	ut this	1?		
			E	·		F	
		<u>Yes</u>	No	NORC	<u>Yes</u>	No	NORC
1) Writing or telephoning an off	icial?	20-1	2	3	4	5	Y
2) Visiting an official?		21-1	2	3	4	5	Y
3) Signing a petition?		22-1	2	3	4	5	Y
4) or helping to set up a citize committee to do something? .		22-1	2	3	4	5	Y
SK F AFTER FINISHING PART E. AND C					·		_
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS	IRCLE YES	or no	CODE	S ABOVE	FOR I	EACH	OF TI
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  7. Did you or anyone in your family (Which?)	EIRCLE YES	OR NO	CODE	S ABOVE	FOR I	EACH	OF TI
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Did you or anyone in your family (Which?)  And what do you think the chance	EIRCLE YES	OR NO	CODE	ay of thing about	FOR I	EACH nings	OF TI
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Did you or anyone in your family (Which?)  And what do you think the chance	EIRCLE YES	OR NO  ially of  io some	CODE	ay of the	FOR I	EACH nings	OF TH
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Or Did you or anyone in your family (Which?)  G. And what do you think the chance	EIRCLE YES	OR NO sally of lo some Very Good Fair	CODE	ay of thing about	FOR I	EACH nings	OF TH
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Or Did you or anyone in your family (Which?)  G. And what do you think the chance	EIRCLE YES	OR NO  ally of  Very Good Fair Poor	code and the code of the code	ay of the	FOR I	EACH nings	OF TI
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  7. Did you or anyone in your family (Which?)  6. And what do you think the chance good, good, fair or poor?	EIRCLE YES	OR NO  ally of  Very Good Fair Poor	code and the code of the code	ay of the	FOR I	EACH nings	OF TI
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Did you or anyone in your family (Which?)  And what do you think the chance good, good, fair or poor?  On the whole would you rate this as	ever actu	OR NO  ally of  lo some  Very  Good  Fair  Poor  NOR	code do ar ethir y good d r t kr	ay of the about	rese that this	EACH nings	or Ti
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Did you or anyone in your family (Which?)  And what do you think the chance good, good, fair or poor?	ever actu	OR NO  ally of the sound of the	code do ar ethir y good t ki C use	airly no	this coisy,	EACH nings	or Ti
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Did you or anyone in your family (Which?)  And what do you think the chance good, good, fair or poor?  On the whole would you rate this as	ever actu	OR NO  ally of the sound of the	code do ar ethir y good t kr C use	airly noisy.	rese that this	EACH nings	or The server of
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  Did you or anyone in your family (Which?)  And what do you think the chance good, good, fair or poor?  On the whole would you rate this as	ever actu	OR NO  ally of lo some Very Good Fair Poor NORG  y nois: Very	code  thir  thir  t ki  c use  y, fa	airly noisy.	ese the this	Fair	or The serve 24
SK F AFTER FINISHING PART E. AND CHE FOUR ITEMS  7. Did you or anyone in your family (Which?)  6. And what do you think the chance good, good, fair or poor?  7. Did you or anyone in your family (Which?)  7. Did you or anyone in your family (Which?)  8. And what do you think the chance good, good, fair or poor?	ever actu	or No  lally of lo some Very Good Fair Poor NORG  Very Fair Fair Very	code  thir  y good  t ki  c use  y, fa  y no:  rly i  rly qui	airly noisy.	ese the this	Fair	or The serve 24

5.	A. And what are	some of th	e different kinds	of noise	you sometimes hear
	around here?	For examp	le, do you ever he	ar noise	from

• • •							
		<u>A</u>			В		
	Yes	No	NORC	Yes	No	NORC	_
1) Cars, trucks or trains going by?	26-1*	2	3	4	5	Y	
2) Neighbors or children?	27-1*	2	3	4	5	Y	
3) Sonic booms from jets?	28-1*	2*	* 3	4	5	Y	
4) Ordinary airplane noise?	29-1*	2	3	4	5	Y,	
*IF YES TO ANY NOISE, ASK B, AND CIRC	LE YES	OR NO	CODE	FOR EA	CH N	OISE	HEARD
2 22 20 10 1111 102023 1101 03 1210 02110		<u> </u>					
B. Do any of these noises ever bothe	r or ar	noy ;	you or	anyone	in	your	family
in any way? (Which noises?)							
**IF NO TO "BOOMS" (DO NOT "EAR BOOMS)	. SKIP	то о	. 17.	٠			
	1						
ASK Qs. 6-16 ONLY IF YES TO BOOMS (	DO HEAR	BOOL	<u>1S)</u>				
First, have you heard or read anything	about t	Ye <b>s</b> No.				···	30-1 2 Y
Could you tell me what causes the jets	to make	a bo	om?				
Br	eak sou	nd ba	rrier				31-1
	eate pr						2
Pla	anes fl	y fas	ter th				3
	her ( <u>Sp</u>		<u>z</u> )				4
	n't kno		• • •	• • • •			5
NOI	RC use.	• •	• • •	• • •	• • .		Y
Do you happen to know why the jets making (Why is that?)	ng boom	s fly	aroun	d here	?		
		Don 1	t know	· • • ·			32-0
			.c boom		• •		1
			SST te		• •		2
				Praction			3
•		ocne	r (Spe	cify) .	• •	• • •	4

7.

9.	A. Do you yourself feel it is	absolutely necessary	for the	jets to make
	these booms around here or	not?		

B. From what you've heard or read, do you think most other people around here feel it is absolutely necessary or not?

				A <u>Self</u>	B Others
Necessary	•			33-1	34-1
Not necessary				2	2
Don't know				3	3
NORC use				Y	Y

10. Do you usually hear the booms about the same time each day, or do they happen at different times each day?

Same time	35-1
Different times	2
Don't know	3
NORC use	Y

11. Do you happen to know how long these booms are supposed to continue altogether? How long?

Don't know			36-0
One month or less	•		1
2 months		•	2
3 months		•	3
4 months			4
5 months		•	5
6 months		•	6
7 months	•	•	7
Indefinitely	•	•	8
NORC use	•	•	Y

Can you tell me if the recent booms ever (Ask		₹	Мон	orcen 18 to	that	<b>-</b>	B. And how feel	annoyed	does this	make you	
each item below) (Do they ever)	Yes No NORC	ORC	very often	fairly often,	or only occasionally?	DK NORC	very	moderately annoyed	only a little annoved	or not at all	NORC
Interfere with your radio or IV?	37-1* 2	3	4	s	9		80	6	0	×	>
Startle or frighten anyone in your family?	38-1* 2	ო	4	v	••	7	<b>.</b>	σ.		×	<b>&gt;</b>
Disturb your family's sleep?	39-1* 2	m	4	v	vo	7	œ	•	0	×	>
Make your house rattle or shake?	40-1* 2	m	4	v	vo		œ	6	•	×	<b>&gt;=</b>
Interfere with your family's rest or relaxation?	41-1* 2	ຕ	4	'n	vo	~	<b>60</b>	<b>o</b>	0	*	<b>&gt;</b>
Interfere with your conversation?	42-1* 2	en .	4	<b>5</b>	.•		<b>∞</b>	6	•	×	>
Have the booms ever hurt or damaged anything IF YES, ASK A & B	or damage	d anyt	80	in your house?		No.		43-1*			
Just what did they do?	? (Probe for specific	for sp	ecific	damage)	ž	NOKC USE	•	<b>n</b>			
(Anything else?)	,				m)	A bo	ut when did apply)	that happen?	n? (Circle		χue
Cracked walls or plaster. Cracked, broke windows.	cer	•	• •	• •	43-1	•	1956	Air Show			44
Cracked, damaged structures	ctures	• •	• •	• •	ım		1957	1961	• •	• •	
	• ,		•	•	4,		1964	•	•	•	
knocked down moveable injured.	oveable op	jects.	• •	• •	^ <b>•</b>	٠.	Don't	t know	•		
inju	ed	•	•	• •	~ «						
Other types of damage Don't know.		• •	• • •	• • •	0 6 0	624					
	•		•	•	<b>&gt;</b>					· · · · · · · · · · · · · · · · · · ·	

14.	Have you yourself ever	felt like doing something about	the booms? For example
		e writing or telephoning an offic	
	A before asking B, etc	.)	

A before asking B, etc.)		ITEMS		
. (Ever felt like	Writing or telephoning an official?		Signing a petition?	Helping to set up a citizens' committee?
Yes	46-1	47-1	48-1	49-1
No	3	3	2 3	2 3
. Have you or anyone in your family actually done any of these things? (Which?)				
Ye <b>s</b>	4*	4*	4*	<b>4</b> *
No	5	5	5	5
NORC use	6	_. 6	6	6
*C. IF YES TO ANY ITEM IN "B", ASK:	Did it do an	y good?		
		Ye		. 50-1
		No	· · · · · ·	. 2
			on't know	
		NC	ORC use	. Y
<ul> <li>If a local organization asked you, do you think you would very likely</li> </ul>				
(insert item), that you might but	Write or	Visit	Sign	Help <b>se</b>
you're not sure, or that you	te lephone	an	a a	up a
probably wouldn't?	an official	<u>official</u>	<u>petition</u>	n committ
Very likely	51-1	52-1	53-1	54-1
Might	2	2	2	2
Wouldn't	3	3	3	. 3
Don't know	4	4	4	4
NORC use	Y	Y	Y	Y
5. On the whole, what do you think the booms? Would you say there a fair chance, or hardly any cha	was a very goo nce at all to	od chance, a improve the Very good cood chance	good chance	, only . 55-1 . 2
			chance	
	•		• • • • • •	
6. Do you think people around here	should	Yes		. 56-1
complain about these booms if th		No		. 2
them annoying?	Cy Line			-
ruem annohme.		NORC use.		. y
		NUKL HER		

Don't know. . . . . . NORC use. . . . .

	EVERYBODY	ASK EVERYBODY
17.	part of a government development prog	ram of a new supersonic airplane that o you feel it is absolutely necessary an plane, do you feel it is probably
		Absolutely necessary 57-1 Probably necessary 24 Not necessary
	*IF PROBABLY, NOT, OR DON'T KNOW, ASK	<u>A</u> .
		If these countries have such a plane, sary for Americans to have one too,
	·	Absolutely necessary 58-1
		Probably necessary 21
		Not necessary 31
		Don't know
		NORC use Y
	B. If the sonic boom could be redu for us to have a commercial pla	ced, would you feel it desirable ne that travels about 2,000 miles
	B. If the sonic boom could be redu	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
	B. If the sonic boom could be redu for us to have a commercial pla	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
18.	B. If the sonic boom could be redufor us to have a commercial pla an hour, or don't you feel we not how about civilian airplanes and the	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
18.	B. If the sonic boom could be redufor us to have a commercial platan hour, or don't you feel we not how about civilian airplanes and the in general How important do you feextremely important, moderately important.	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
18.	B. If the sonic boom could be redufor us to have a commercial platan hour, or don't you feel we not how about civilian airplanes and the in general How important do you feextremely important, moderately important.	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
18.	B. If the sonic boom could be redufor us to have a commercial platan hour, or don't you feel we not how about civilian airplanes and the in general How important do you feextremely important, moderately important.	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
18.	B. If the sonic boom could be redufor us to have a commercial platan hour, or don't you feel we not how about civilian airplanes and the in general How important do you feextremely important, moderately important.	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
18.	B. If the sonic boom could be redufor us to have a commercial platan hour, or don't you feel we not how about civilian airplanes and the in general How important do you feextremely important, moderately important.	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
18.	B. If the sonic boom could be redufor us to have a commercial platan hour, or don't you feel we not how about civilian airplanes and the in general How important do you feextremely important, moderately important.	ced, would you feel it desirable ne that travels about 2,000 miles eed such a plane?  Desirable
19.	B. If the sonic boom could be redu for us to have a commercial pla an hour, or don't you feel we n  How about civilian airplanes and the in general How important do you fee extremely important, moderately important?  How about the importance of civilian Oklahoma City and surrounding towns important, moderately important, a li	Desirable
•	B. If the sonic boom could be redufor us to have a commercial platan hour, or don't you feel we not how about civilian airplanes and the in general How important do you feetxtremely important, moderately important?  How about the importance of civilian Oklahoma City and surrounding towns	Desirable
•	B. If the sonic boom could be redu for us to have a commercial pla an hour, or don't you feel we n  How about civilian airplanes and the in general How important do you fee extremely important, moderately important?  How about the importance of civilian Oklahoma City and surrounding towns important, moderately important, a li	Desirable
**********	B. If the sonic boom could be redu for us to have a commercial pla an hour, or don't you feel we n  How about civilian airplanes and the in general How important do you fee extremely important, moderately important?  How about the importance of civilian Oklahoma City and surrounding towns important, moderately important, a li	Desirable
**********	B. If the sonic boom could be redu for us to have a commercial pla an hour, or don't you feel we n  How about civilian airplanes and the in general How important do you fee extremely important, moderately important?  How about the importance of civilian Oklahoma City and surrounding towns important, moderately important, a li	Desirable
•	B. If the sonic boom could be redu for us to have a commercial pla an hour, or don't you feel we n  How about civilian airplanes and the in general How important do you fee extremely important, moderately important?  How about the importance of civilian Oklahoma City and surrounding towns important, moderately important, a li	Desirable

20.	A. If this area received eight booms every civilian supersonic airplane, do you th to live with it after a while, that you do you think you probably couldn't lear	ink you could very likely learn might but you're not sure, or	
		Very likely	62-1# 2# 3* 4*
	*IF COULDN'T OR DON'T KNOW TO "A", ASK B		-
	B. How about 5 or 6 civilian booms ever likely could learn to live with that probably couldn't learn to live with	, that you might, or that you	
		Very likely	63-1 2 3** 4**
	** IF COULDN'T OR DON'T KNOW TO "B",	ASK C	•
	C. How about 1 or 2 civilian boom very likely could learn to live that you probably couldn't lea	ve with that, that you might, or	
		Very likely	64-1 2 3 4 Y
	#IF VERY LIKELY OR MIGHT ON "A", ASK D		
	D. How about 10-12 civilian booms every very likely learn to live with it, sure, or that you probably couldn't	that you might but you re not	
		Very likely	65-1 2 3 4 Y
21.	And how about several civilian booms ever likely could learn to live with that, that couldn't learn to live with it?)		
		Very likely	66-1
		Don't know	4 Y

Now we have what we call background information and we'll be thr	NOM M	e uave arat me	CHIL	DECKELORUG	iniormation	ano	WE	7.7	0e	LIITOU
------------------------------------------------------------------	-------	----------------	------	------------	-------------	-----	----	-----	----	--------

22.	Family	Compos	ition:
-----	--------	--------	--------

Including yourself, how many people live with you in this house? ______ Please list them for me.

Relation to Respondent	Sex	About how old is	67-
Respondent	MF.	•	
	MF		68-
	M F		
	M F		
	M F		
•	M F		

23. Now what is the highest grade of school you completed?

Completed 0-4 years of grade school				69-1
Completed 5-6 years of grade school			•	2
Completed 7-8 years of grade school	•			3
Completed 1-3 years of high school.	•	•		4
Completed 4 years of high school	•	•		5
Completed 1-3 years of college	•		•	6
Completed 4 or more years of college	₽.	•	•	7
NORC use	•	•	•	Y

24. Now for statistical purposes, we need to know something about family incomes. Would you just tell me which of the following six categories comes closest to the amount all members of your family earned all together from all sources before taxes and other deductions? (Read categories)

I	A. Less than \$4,000	70-1
	B. \$4,000 but less than \$6,000	2
(	C. \$6,000 but less than \$8,000	3
	D. \$8,000 but less than \$10,000	4
	E. \$10,000 but less than \$15,000	5
	F. \$15,000 or more	6
	Refused	7
	NORC use	Y

5.	A.	Are	you	usually	at	home	during	the	morning	hours?
----	----	-----	-----	---------	----	------	--------	-----	---------	--------

n. In a good file difficilies. (Vie And definite of Home	В.	How about	the afternoon?	(Are you usually at home?	?)
----------------------------------------------------------	----	-----------	----------------	---------------------------	----

C.	And	the	evening	hours?
----	-----	-----	---------	--------

•	At Home	Not At Home	NORC
A. Morning (7AM-12 Noon)		2	Y
B. Afternoon (Noon-6 PM)	. 72-1	2	Y
C. Evening (6PM-11PM)	. 73-1	2	<b>Y</b> .

16. Have you or anyone in your family worked for the Federal Aviation Agency or any civilian aviation company?

		No Don't know.	-	-	-	_	-	2** 3
		NORC use						Y
*A. IF YES: Are you (the	y) working there now?	Ye <b>s</b>	•	•	•	•		75-1
		No		٠	•	•	•	2
:	•	Don't know.				٠		3
4		NORC use						Y

**B. IF NO: ve you or anyone in your family ever worked for the Air Force or any company that does much of its business with the aviation industry?

Yes			•	•	•		•	•	76-1
No.			•	٠				•	2
Don'	t	kı	10W			•		•	3
NORC									Y

*A. <u>IF YES</u>: What have you heard? (Who was doing the survey? For what purpose?)

78-

77-1*

74-1*

^{28.} Now in case the office finds I've left something out, what would be the best time to call you?

Well, I guess that's it. Thanks for all your help.

## TO BE COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW

	Yes	(	)	No	(	)					,		
IF YES, EX		•	•					,			٠		
	<u> </u>	•							•		,		
• •													
											•		
					•							•	
		•	٠										
•	•		* 4				,						
					•								
	÷						•		,				
Was the refrankly, o	sponde	ent he	alway somet	s rel	axe:	d and	d willin	ng to a	inswer	all ative	ques	ions	
Was the refrankly, o	r was	he	some t	imes	ten	se, (	d willindefensiv	e, unc	inswer	all	quesi	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	swer	all	quest	ions	
Was the refrankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	inswer:	all ative	quest	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	nswer	all	quesi	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	nswer	all	ques	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	inswer cooper	all	ques	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	inswer cooper	all	ques	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	inswer	all	ques:	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	inswer	all	ques	ions	
frankly, o	r was Alway	he	some t	imes	ten	se, (	defensi	e, unc	inswer	all	ques	ions	

*IF AWAY, ASK Q. 6 ON PAGE 4

# NATIONAL OPINION RESEARCH CENTER University of Chicago

Third Interview (Second Callback)

ssignment No	Time for Cal	lback		·			
elephone No.	First Interviewer						
ame of Respondent		Date of lst Interv	iew				
ddress							
				<del></del>	***	9-	
e-interview assigned to:		Time Began					
		Time Ended					
			·				
ello. This is from the opinion realked to (you, your wife, your husband)							)
ome now?) Well we're finishing up our a heck a few things before we leave.							
. First, have you been at home most of	the last month	or so, or	have y	ou b	een a	away?	
		Awa	home . C use.			•	2.

2.	A. Were the booms you loud as usual?	ou heard	rece	ntly 1	ouder the	n usual, abo	ut the sa	me, or n	ot as
						Louder Same Not as Don't NORC u	loud .		11-1 2 3 X y
	B. Would you say the annoying, or not						a little	more	
						Much m A litt Same			12-1 2 3 4 X
******						·			
3.	Did any of the recent booms (ask each item below)		·	N	EXT ITEM	Q.3, ASK "A" annoyed did	,		<del></del>
		Yes	No	NORC	Very Annoyed	<del>-</del>	Only a little Annoyed	•	DK NORC
	1) Interfere with your radio or TV?	13-1*	2	3	4	5	6	7	y
	2) Startle or frighte anyone in your family?	en 14-1*	2	3	4	5	6	7	у
	<pre>3) Disturb your   family's sleep?</pre>	15-1*	2	3	4	5	6	7	у
	4) Make your house rattle or shake?	16-1*	2	3	4	5	6	7	у
	5) Interfere with your family's rest or relaxation?	17-1*	2	3	4	5	6	7	У
	6) Interfere with	10.15	•			·_		•	

. Since I talked to you last time, did any of the recent booms hurt or do any new damage to anything in your house?

Yes.	•	•	•	•	•	•	•	•	•	•	19-1*
No .	•	•	•	•	•	•	•	•	•	•	2
NORC	_	_	_	_	_	_	_	_	_		v

#### *IF YES, ASK A

A. Just what did they do? (Probe for specific damage)

Cracked walls or plaster	•	•	•	20-1
Cracked, broke windows	•	•	•	2
Cracked, damaged structures.	•	•	•	3
Broke tiles or fixed objects	•	•	•	4
Broke, knocked down moveable				
objects	•	•	•	5
Person injured				6
Person fell - not injured .				7
Person dropped something				8
Other types of damage				9
Don't knew	•	•	•	X
NORC use				У

5. And did you feel like doing something about stopping or reducing the recent booms? For example, did you feel like writing or telephoning an official? (Ask each item in A before asking B, etc.)

		ITEMS									
A.	Felt like	Writing or telephoning an official?	Visiting an official?	Signing a petition?	Helping to set up a citizens committee?						
	Yes	21-1	22-1	23-1	24-1						
	No	2	2	2	2						
	NORC use	3	3	3	3						
B.	Have you or anyone in your far here actually done any of the things about stopping or reduce the recent booms? (Which?)	se									
	Yes	4	4	4	4						
	No	5	5	5	5						
	NORC use	6 .	6	6	6						

4

6.	Do you happen to know why the jets maki	ng booms have been flying around here?
		Yes (ASK A)
	*IF YES, ASK A:	
	A. Why is that?	Sonic boom test
		NORC use
7.	Do you yourself feel it is absolutely n booms around here or not?	Yes
8.	Do you have any idea how much longer th around here?	ese booms are supposed to continue
		Yes (ASK A)
	*IF YES, ASK A:	
	A. How much longer?	Less than I week
9.	Do you feel the booms should be stopped be continued until they have served the	right away or do you feel they should ir purpose?
		Stopped

10.	A.	Do you	think	people	around	here	should	complain	about	the	booms	if	they
		find th	nem ani	noying?									

Yes	•		•		•	•		•		•	•	•	31-1
No													2
Don't know	•	•	•	•	•	•	•	•	•	•	•	•	X
MORC use .	•								•	•		•	У

B. Why do you say that?

32-

- 11. A. If your area received booms from a civilian jet as often and as loud as the recent ones for an indefinite period of time, do you think most people around here would very likely learn to live with it, that they might, or that they probably wouldn't learn to live with it?
  - B. And how about yourself -- would you very likely learn to live with it, you might, or you probably wouldn't be able to live with it?

	A Most People	<u>B</u> Self
Very likely	33-1	34-1
Might	2	2
Would not	3	3
Don't know	X	X
NORC use	У	, <b>y</b>

Well I guess that's it. Thanks again for all your help.

Interviewer's Signature	_
••	

Date

Green (Form 11)

#### NATIONAL OPINION RESEARCH CENTER University of Chicago

### Control Interview (At Time of Second Callback)

Assignment No.:	Time Interview Began:
Telephone No.:	Time Interview Ended:
Name on Telephone List:	Date:9
Description Respondent (Q. 22):	
Address:	
at the University of Chicago. We are doin in different places and I'd like to get so	w do you like living in your area?
	Excellent
2. Now, very few places are entirely perf there are many things, a few things or living around here?	
	Many things

Now of all the things you don't lifteel are nuisances, irritations, of which one thing do you dislike the	distur	bances	ust , or	be some) bothers	ome c	hing ondi	s you m tions,	ay
Nothing disliked			_					12-
Sonic booms, big booms.								14
Noise - airplane								
Noise - other								
Danger - traffic, no si								
Danger - other condition								
Location poor, inconven								
Transportation, roads,								
Schools - buildings, in	_	•		-				
Community facilities -		-		_		-		
Social aspects, dislike			-					
Zoning problems, mixed								13-
Overcrowded, not enough								
Taxes too high, earning	tax	unfair.	•		•			
Economic problems, no j								
Government poor, corrup								
All other reasons								
Don't know	• • •			• • •				
NORC use								
<pre>felt was a public problem or a or a bothersome condition?  **IF YES, ASK B - D  B. Did you ever feel like doing you ever feel like:</pre>			Yes No. NOR	C use.	• • •	• •	• • •	14-
,		-	В			С		
		Yes	No	NORC	Yes	No	NORC	
1) Writing or telephoning an					-		· · · · ·	
official about it?	• •	15-1	2	3	4	5	Y	
2) Visiting an official?		16-1	2	3	4	5	Y	
3) Signing a petition?		17-1	2	3.	4	5	Y	
al negative a herrerous s : .	• •	-1	4	٠, ر	*	ر	r	
4) or helping to set up a								
citizens' committee to do			_	_			•	
		18-1	2	3	4	5	Y	
citizens' committee to do something?	• •				4	_	_	
citizens' committee to do something?	• •				4 CODES	_	_	ACH
citizens' committee to do something?	• •				4 CODES	_	_	<u>ACH</u>
citizens' committee to do something?	 AND	CIRCLE	YES	OR NO		ABOV	E FOR E	

?					
Good Fair Poor Don'	  t kn			• •	19-1 2 3 4 5 Y
mething	abo	ut this	?		
	E		·	F	
<u>Yes</u>	<u>No</u>	NORC	<u>Yes</u>	No	NORC
20-1	2	3	4	5	Y
21-1	2	3	4	5	Y
22-1	2	3	4	5	Y
23-1	2	3	4	5	Y
				٠	
do some	thir	ng abou	t this	v	very
Good Fair Poor Don	i r r t kı	ov.	• • • •	• • •	
y nois	y, £	airly n	oisy, i	airl	ly
Fair Fair Ver Don	rly i rly ( y qu: 't ki	noisy. quiet. iet now	• • • •		25-1 2 3 4 5 Y
	Good Fair Poor Don' NORC Mething Yes 20-1 21-1 22-1 23-1 CR NO Good Fair Poor Don NORC Ty nois: Very Don Fair Fair Very Don	Good Fair Poor Don't kn NORC use  mething abo  E Yes No 20-1 2 21-1 2 22-1 2 23-1 2 23-1 2 23-1 2 20-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2 21-1 2	Good	Good.  Fair.  Poor.  Don't know.  NORC use.   Test No NORC Yes  20-1 2 3 4  21-1 2 3 4  22-1 2 3 4  23-1 2 3 4  23-1 2 3 4  CR NO CODES ABOVE FOR Established the content of the content o	Yes No NORC Yes No  20-1 2 3 4 5  21-1 2 3 4 5  22-1 2 3 4 5  23-1 2 3 4 5  CR NO CODES ABOVE FOR EACH  Tually do any of these things  do something about this v  Very good

5.	A. And what are som	of the different kinds of noise	you sometimes hear
	around here? Fo	example, do you ever hear noise	from

		Yes	No	NORC	Yes	No	NORC	
	1) Cars, trucks or trains going by?	26-1*	2	3 -	4	5	Y	
	2) Neighbors or children?	27-1*	2	3	4	3	Y	
	3) Sonic booms from jets?	28-1*	2*	* 3	4	5	Y	
	4) Ordinary airplane noise?	29-1*	2	3	4	5	Y	
	*IF YES TO ANY NOISE, ASK B, AND CIRC	LE YES	or n	O CODE	FOR EA	CH N	OISE	HEARD
	B. Do any of these noises ever bothe in any way? (Which noises?)	r or an	noy	you or	anyone	in	your	family
	**IF NO TO "BOOMS" (DO NOT HEAR BOOMS)	SKIP	TO Q	<u>. 17</u> .				
	ASK Qs. 6-16 ONLY IF YES TO BOOMS (	DO HEAR	B00	MS)				
 5.	Now I'd like to get a better idea of he	ow you	feel	about	some o	f th	ese n	oises.
	Now I'd like to get a better idea of he First, have you heard or read anything		he r Yes No.	ecent a	onic b	ooms		nd her
		about t	Yes No. NOR	c use.	onic b	ooms		nd her
	Could you tell me what causes the jets  Brock Cre Pla Oti	about t	Yes No. NOR  a be nd be essu y fas ecif	C use.  com?  arrier  re wave  ster th	sonic b	ooms		30-1 31-1
7.	Could you tell me what causes the jets  Bro Cre Pla Ott Do NO  Do you happen to know why the jets making	to make eak sou eate pr anes fl her (Sp n't kno	Yes No. NOR  a be essue y far ecif	C use.  com?  arrier  re wave  ster th	sonic b	ooms		30-
7.	Could you tell me what causes the jets  Brace Crace Place Out	to make eak sou eate pr anes fl her (Sp n't kno	Yes No. NOR  a be nd be essu y far ecif w.  s fl	c use.  c use.  com?  arrier  re wave  ster th	sonic b			30-1 31-1
7.	Could you tell me what causes the jets  Bro Cre Pla Ott Do NO  Do you happen to know why the jets making	to make eak sou eate pr anes fl her (Sp n't kno	Yes No. NOR  a be nd be essu y far ecif w.  Don Son:	c use.  C use.  com?  arrier  re wave  ster th  y)	an sou	ooms		30-1 31-1
7.	Could you tell me what causes the jets  Bro Cre Pla Ott Do NO  Do you happen to know why the jets making	to make eak sou eate pr anes fl her (Sp n't kno	Yes No. NOR  a be essue y far ecif w.  bon Son FAA	c use.  C use.  com?  arrier  re wave  ster th  y aroun  t know  ic boom  SST te	sonic b			30-1 30-1 31-1
7.	Could you tell me what causes the jets  Bro Cre Pla Ott Do NO  Do you happen to know why the jets making	to make eak sou eate pr anes fl her (Sp n't kno	yes No. NOR  a be nd be essu y far ecif w.  bon Son FAA Air	c use.  C use.  com?  arrier  re wave  ster th  v aroun  t know  ic boom  SST te  Force	an sou			30-1 30-1 31-1

9.	A. Do you yourself feel it	: is	absolutely necessary	for	the	jets	to make
	these booms around here	or	not?				

В.	From what	you've heard or read,	do you think most	other people around
	here feel	it is absolutely nece	ssary or not?	

		A B Self Others	<u>.</u>
		Necessary 33-1 34-1	
		Not necessary 2	
		Don't know 3	
		NORC use Y Y	
10.	Do you usually hear the boom happen at different times es	ns about the same time each day, or do they	
	nappen at different times es	Same time	35-1
		Different times	
		Don't know	-
	•	NORC use	3
11.	A. Do you have any idea how around here?	much longer these booms are supposed to cont:	inue
11.		Yes (ASK B then C)	inue 36-6
11.	around here?	Yes (ASK B then C)	36-6
11.		Yes (ASK B then C) No (ASK C) Less than 1 week	36-( 36-(
11.	around here?	Yes (ASK B then C) No (ASK C)  Less than 1 week One week	36-6 36-6
11.	around here?	Yes (ASK B then C) No (ASK C) Less than 1 week	36-6
11.	around here?	Yes (ASK B then C) No (ASK C)  Less than 1 week One week	36-6 36-6
11.	around here?	Yes (ASK B then C) No (ASK C)  Less than 1 week One week Two weeks Three weeks	36-6
11.	around here?	Yes (ASK B then C) No (ASK C)  Less than 1 week One week Two weeks Three weeks Four weeks Five or more weeks Don't know	36-6
11.	around here?	Yes (ASK B then C) No (ASK C)  Less than 1 week One week Two weeks Three weeks Four weeks	36-(
111.	B. How much longer?  C. Po you feel the booms	Yes (ASK B then C) No (ASK C)  Less than 1 week One week Two weeks Three weeks Four weeks Five or more weeks Don't know	36-6 36-6
111.	B. How much longer?  C. Po you feel the booms	Yes (ASK B then C) No (ASK C)  Less than 1 week One week Two weeks Three weeks Four weeks Five or more weeks Don't know NORC use should be stopped right away or do you feel	36-(
11.	B. How much longer?  C. Po you feel the booms	Yes (ASK B then C) No (ASK C)  Less than 1 week One week Two weeks Three weeks Four weeks Five or more weeks Don't know NORC use should be stopped right away or do you feel ued until they have served their purpose?	36-( 36-(

NORC use

	12. Can you tell me if the recent booms ever (Ask			*IF	YES TO	YES TO ANY II How often is	*IF YES TO ANY ITEM IN Q. 12, ASK A. How often is that	4	6. B BEFORE B. And how feel.	BEFORE GOING ON TO NEXT ITEM And how annoyed does this make feel	TO NEXT	IIEM make you	-
	each item below) (Do they ever)	Yes No NORC	<u>2</u>	ORC	very often	fairly often,	or only occasionally?	DK	very	moderately	only a vittle annoyed	or not at all annoyed?	DK
•	Interfere with your radio or TV?	38-1*	7	3	7			7	8		0	×	
	Startle or frighten anyone in your family?	39-1*	7	໌ຕ	4	S	9	7	œ	· 6	0	×	<b>&gt;</b>
	Disturb your family's sleep?	40-1*	4	æ	7	2	9	1	<b>∞</b>	6	0	×	<b>&gt;</b>
	Make your house rattle or shake?	41-1*	7	M	4	٠,	9	1	, <b>co</b>	6	0	*	<b>&gt;</b>
•	Interfere with your family's rest or relaxation?	42-1*	7	m	4	'n	<b>vo</b> *		∞	<b>o</b> n .	•	×	*
	Interfere with your conversation?	43-1*	. 2	en.	4	\$	vo	^	<b>ઝ</b>	6	0	×	<b>⊁</b>
	13. Have the booms ever hurt or damaged anything *IF YES, ASK A & B	or dan	lage	d anyt	hing in	in your house?		Yes		. 44-1* 	,	~	
	A. Just what did they do? (Anything else?)		o pe	(Probe for speci	ecific	damage)			out when dapply)	About when did that happen? as apply)		(Circle as ma	many
	Cracked walls or plaster.	iter	•	•	•	•	. 45-1			1956 Air Show.	•	•	-77
	Cracked, damaged structures	sctures	• •	• •	• •	• •			19:	1957-1963.	•	•	
	Broke tiles or fixed Broke knocked down	fixed object	· obj	o iects.	• •	•	4 W	•	ביי ביי	June-July 1964	• •	• •	
•	injured.	• •	•	•	•	• •	9 ~		<u> </u>	Don't know NORC use	• •	• • •	
	dropped	ning.		• •	• •	• •							
	Other types of damage Don't know	• •	•	• •	• •	• •							
	NORC use	•	•	•	•	•	<b>&gt;</b>						

14. Have you yourself ever felt like doing something to stop or reduce the booms? For example have you ever felt like writing or telephoning an official? (Ask each item in A before asking B, etc.)

		ITEMS		
A. (Ever felt like	Writing or telephoning an official?	Visiting an official?	Signing a petition?	Helping to set up a citizens' committee
Yes	46-1	47-1	48-1	49-1
No	2	2	2	2
NORC use	3	3	3	3
B. Have you or anyone in your fami actually done any of these thin (Which?)				
Yes	4*	<b>4</b> ★	<b>4</b> *	4*
No	5	5	5	5
NORC use	6	6	6	. 6
		.,		
*C. <u>IF YES TO ANY ITEM IN "B", ASK</u>		Yes . No . Don't	know	50-1 2 3
	i y re Write or	Yes . No . Don't	know	2 3
O. If a local organization wanted to stop or reduce the booms and asked you to (insert item), do you think you would very likely do it, that you might but you'n not sure, or that you probably wouldn't.	i y re Write or telephone	Yes . No . Don't NORC u  Visit an official	know	2 3 Y Help set up a committee
D. If a local organization wanted to stop or reduce the booms and asked you to (insert item), do you think you would very likely do it, that you might but you'n not sure, or that you probably wouldn't.  Very likely	i re Write or telephone an official 51-1	Yes . No . Don't NORC u  Visit an official	know se Sign a petition 53-1	2 3 Y  Help set up a committee
O. If a local organization wanted to stop or reduce the booms and asked you to (insert item), do you think you would very likely do it, that you might but you'n not sure, or that you probably wouldn't.	i y re Write or telephone an official	Yes. No. Don't NORC u  Visit an official  52-1 2	Sign a petition 53-1 2	Help set up a committee
D. If a local organization wanted to stop or reduce the booms and asked you to (insert item), do you think you would very likely do it, that you might but you'n not sure, or that you probably wouldn't.  Very likely	i re Write or telephone an official 51-1 2	Yes . No . Don't NORC u  Visit an official	know se Sign a petition 53-1	2 3 Y  Help set up a committee

15. On the whole, what do you think the chances are for doing anything about reducing the booms? Would you say there was a very good chance, a good chance, only a fair chance, or hardly any chance at all to improve the situation?

Very good chance Good chance Fair chance Hardly any chance. Don't know NORC use	2
Yes	56-1 2 3
•	Good chance  Fair chance  Hardly any chance .  Don't know  NORC use  Yes

17.	As you(probably know) (already told me) to part of a government development program will fly about 2000 miles an hour. Do you for our country to have such a civilian necessary, or do you feel it is not necessary.	you feel it is absolutely necessary plane, do you feel it is probably
		Absolutely necessary 57-1 Probably necessary 2* Not necessary
	*IF PROBABLY, NOT, OR DON'T KNOW, ASK A	
	Λ. As you may know, the French, British a commercial supersonic airplane. It would you feel it absolutely necessary would it probably be necessary, or we	these countries have such a plane, by for Americans to have one too,
		Absolutely necessary 58-1 Probably necessary 2* Not necessary
	**IF PROBABLY, NOT, OR DON'T KNOW ON "A  B. If the sonic boom could be reduced	i, would you feel it desirable
	for us to have a commercial plane an hour, or don't you feel we need	
		Desirable
18.	How about civilian airplanes and the comin general How important do you feel extremely important, moderately important important?	they are to our national welfare
		Extremely important 60-1  Moderately
19.	How about the importance of civilian avious City and surrounding towns I important, moderately important, a little important?	Oo you feel it is extremely
		Extremely important 61-1  Moderately

might but you're not sure, or do	And curus And brongers contain a reason
fo 1144 Altu Iri	Very likely
•	
	NORC use
Don't know	
	Very likely 63-
	NORC use
** IF COULDN'T OR DON'T KNOW T	ro "B", ASK C
C. How about 1 or 2 civili	Lan booms every day? (Do you think you
	n to live with that, that you might, or
	dn't learn to live with it?)
	dn't learn to live with it?)  Very likely 64-
	dn't learn to live with it?)  Very likely 64- Might
	dn't learn to live with it?)  Very likely 64-  Might
	Very likely
	Very likely
that you probably could	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live with sure, or that you probably contact to the sure of	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian book very likely learn to live with sure, or that you probably co	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian book very likely learn to live with sure, or that you probably co	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live wire sure, or that you probably contained and how about several civilian boom likely could learn to live with the	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live wire sure, or that you probably contained and how about several civilian boom likely could learn to live with the	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live wire sure, or that you probably contained and how about several civilian boom likely could learn to live with the	Very likely
#IF VERY LIKELY OR MIGHT ON "A", A  D. How about 10-12 civilian boom very likely learn to live wire sure, or that you probably contained and how about several civilian boom likely could learn to live with the	Very likely

									_	
NT		<b>1</b>			11	h = = lo = = = = = = d	information		T11	he through
NOM	WE	nave	wnat	we	call	Dackground	THIOTHWALLON	auu	ME II	DE LIILUUXII.

22. Family Comp	osition:
-----------------	----------

Completed 5-6 years of grade school		Relation to Respondent	Sex	About how old is	67-
M F  M F  M F  M F  Completed 0-4 years of grade school 69- Completed 5-6 years of grade school		Respondent	MF		
M F  M F  M F  Completed 0-4 years of grade school 69-1  Completed 5-6 years of grade school			MF		68-
M F  M F  Completed 0-4 years of grade school 69-1 Completed 5-6 years of grade school			MF		
M F  Completed 0-4 years of grade school 69-1 Completed 5-6 years of grade school			M F	:	•
Completed 0-4 years of grade school 69-1 Completed 5-6 years of grade school			M F	•	
Completed 0-4 years of grade school 69-1 Completed 5-6 years of grade school			MF		
	3,	Comple Comple Comple	ted 0-4 : ted 5-6 : ted 7-8	years of grade school years of grade school years of grade school	69-1
CALEYVILEXI	4.	Comple Comple Comple	eted 4 yeared 4 or use. : .  ed to know ch of the ers of yeared 4	w something about family e following six categories our family earned all	9

E. \$10,000 but less than \$15,000. .

NORC use. . . .

F. \$15,000 or more. . . . . . . Refused . . . . .

5 6 7

Y

i. A. Are you usually at home during the morning h	ours?		
B. How about the afternoon? (Are you usually a	t home?)		
C. And the evening hours?			
· ·	At Home	Not At Home	NORC
A Nomine (7AM-12 Noon)	71-1	2	Y
A. Morning (7AM-12 Noon) B. Afternoon (Noon-6 PM)		2	Y
C. Evening (6PM-11PM)		2	Ÿ
6. Have you or anyone in your family worked for th	ne Federal	Aviation Agen	сy
or any civilian aviation company?	Yas	• • • • • •	. 74-1*
		• • • • • • •	• • •
		know	
		se	
*A. IF YES: Are you (they) working there now?	Yes .		. 75-1
	No		. 2
	Don't	know	. 3
	NORC u	se	. Y
**B. <u>IF NO</u> : Have you or anyone in your family ever or any company that does much of its industry?			
	Yes .		. 76-1
		know	
	NORC u	se	. Y
27. (Casually) By the way, had you heard anything	Yes		. 77-1

(Casually) By the way, had you heard anything	Yes	77-1*
about this survey before this interview?	No	2
	NORC use	3

*A. IF YES: What have you heard? (Who was doing the survey? For what purpose?)

78-

Well, I guess that's it. Thanks for all your help.

^{28.} Now in case the office finds  $I^{\dagger}$  ve left something out, what would be the best time to call you?

### TO BE COMPLETED BY THE INTERVIEWER AFTER THE INTERVIEW

1.	Was the reinterviewe	spondeni r?	t suspi	cious	of	the	stated	purpose	e of	the	inter	view o	r the
		Yes (	)	No	(	)							
	IF YES, EX	PLAIN:		,									
						•	*						
*													
	•	•											
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											•		
		N											
		,			÷								
		**											
2.	Was the re frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	swer oper	all ativ	e?	tions	
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ng to anve, unco	iswer ooper	all ativ	ques: e?	tions	
2.	Was the refrankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	iswer ooper	all ativ	ques e?	tions	
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	nswer ooper	all ativ	ques e?	tions	
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	iswer ooper	all ativ	ques	tions	
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	nswer poper	all ativ	ques	tions	
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	nswer poper	all ativ	ques	tions	
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	nswer poper	all ativ	ques	tions	79-
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	nswer poper	all ativ	ques	tions	79-
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	nswer poper	all ativ	ques	tions	79 <b>-</b> 80-3
2.	frankly, o	r was he	e somet:	imes (	tens	se, (	defensi	ve, unco	nswer poper	all ativ	ques	tions	
2.	frankly, o	r was he	frank	imes (	tens	se, (	defensi	ve, unco	nswer poper	all ativ	ques	tions	

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Public opinion	•						
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